EUROPA Docs

This page provides in-depth documentation on understanding and using EUROPA. If you don't know where to start, or just want a quick overview of how to use EUROPA, take a look at the EUROPA Quick Start

Background and Philosophy

- Models, Goals and Plans
- Planning Approach

User Docs

- How to embed EUROPA in an application (describe what makeproject does, describe how to navigate through plans created by EUROPA)
- NDDL Reference
- Complete NDDL Grammar (for ANTLR)
- Constraint Library Reference
- Configuration
    - Logging
    - Built-in Solver
- Visualization / Debugging Tools
    - PSUI
    - PlanWorks
        - ◊ PlanWorks user's guide
        - ◊ PlanWorks.cfg Reference
- How to Extend EUROPA
    - Architecture Overview
    - Adding a Constraint
    - Adding a Listener
        - ◊ TODO! Entries for different listener types
    - Extending the built-in solver
        - ◊ Adding a Flaw Filter
        - ◊ Adding a Flaw Handler
        - ◊ Adding a Flaw Manager
    - Building your own Solver
- API Docs (TODO: add link to Doxygen/JavaDoc docs)
    - PSEngine (C++ / Java)
    - Internal C++ API

Modeling tricks

- Notes on Using Resource Search Operators

Images (referenced throughout the documentation)